
Subject: GridCtrl and background color of a row
Posted by [forlano](#) on Wed, 05 Feb 2014 18:09:45 GMT
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Hello,

I am fighting with the GridCtrl. This code:

```
class RowColor : public GridDisplay
{ public:
    virtual void Paint(Draw &w, int x, int y, int cx, int cy, const Value &val, dword style,
                      Color &fg, Color &bg, Font &fnt, bool found, int fs, int fe);
};

void RowColor::Paint(Draw &w, int x, int y, int cx, int cy, const Value &val, dword style, Color &fg,
Color &bg, Font &fnt, bool found, int fs, int fe)
{ if (AsString(val)=="0") {
    //parent->GetRow().Bg(LtRed);
    GridDisplay::Paint(w, x, y, cx, cy, val, style, fg, LtRed(), fnt, found, fs, fe);
}
if (AsString(val)=="") {
    //parent->GetRow().Bg(Yellow);
    GridDisplay::Paint(w, x, y, cx, cy, val, style, fg, Yellow(), fnt, found, fs, fe);
}
}
```

and

```
grid.AddColumn("Status", t_("Status"),
4).Ctrls(Avail3bis).Default(true).SetDisplay(Single<RowColor >());
```

permit me to change the background color of a column depending a three status button and it works:

I would like to extend the red/yellow color to the WHOLE row. Unfortunately I can't get the row correspondent to the right column.
Any idea?

Thanks,
Luigi

File Attachments

1) [2014-02-05_185642.png](#), downloaded 1067 times

Subject: Re: GridCtrl and background color of a row
Posted by [deep](#) on Fri, 07 Feb 2014 13:56:46 GMT
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Hi

This is modified Grid01 from tutorial.
WhenCtrlsAction callback can be changed as required.

```
#include <CtrlLib/CtrlLib.h>
#include <GridCtrl/GridCtrl.h>

using namespace Upp;

struct App : TopWindow {
    typedef App CLASSNAME;

    GridCtrl grid;
    EditString name;
    EditInt age;
    Option opt1;

    App() {
        Sizeable().Zoomable();

        Add ( grid.SizePos() );

        grid.AddColumn ( "Name" ).Edit ( name );
        grid.AddColumn ( "Age" ).Edit ( age );

        grid.AddColumn ( "Status", t_ ( "Status" ), 4 ).Ctrls<Option>();

        grid.Add ( "Ann", 21 )
            .Add ( "Jack", 34 )
            .Add ( "David", 15 );
        grid.Add ( "Ann", 21 )
            .Add ( "Jack", 34 )
            .Add ( "David", 15 );
        grid.Add ( "Ann", 21 )
            .Add ( "Jack", 34 )
            .Add ( "David", 15 );
        grid.Add ( "Ann", 21 )
            .Add ( "Jack", 34 )
            .Add ( "David", 15 );

        grid.Set ( 5, 0, "Daniel" );
        grid.SetFixed ( 0, 1, "Age of person" );
```

```

grid.Indicator();
grid.WhenLeftDouble = THISBACK ( ShowInfo );

grid.WhenCtrlsAction = THISBACK ( SetColor ); // call back for control change

grid.ColorRows();
grid.EditCell();
grid.EnterLikeTab();
grid.GoBegin();

}

void ShowInfo() {
    PromptOK ( Format ( "%s is %d years old", grid ( 0 ), grid ( 1 ) ) );
}

void SetColor() {
    int row = grid.GetRowId();
    if ( grid.Get ( row, 2 ) == 1 ) { // check if opt is set
        grid.GetRow ( row ).Bg ( LtGreen() );
    }
    else {
        grid.GetRow ( row ).Bg ( Yellow() );
    }
}

};

GUI_APP_MAIN {
    App().Run();
}

```
